

INDOSIT™ LW 9010

(Integral Waterproofing Compound)



INDOSIT™ LW 9010 is a single component chloride free Integral Waterproofing Liquid admixture for concrete and mortar to minimize the shrinkage cracks and permeability, increase the waterproofing properties of concrete & mortar.

Features / Benefits

- Improves workability
- High reduction in permeability
- Reduces shrinkage cracks
- Chloride free hence doesn't affect concrete
- Increases cohesiveness of concrete & mortars

Uses

- For Waterproofing of concrete at roof slabs
- Water tanks
- Plasters and all type of mortar mixes

Application Methodology

Application Mortar:

INDOSIT™ LW 9010 is recommended for use in all sand/Cement Mortars where it is required to reduce permeability to a minimum.

Concrete:

INDOSIT™ LW 9010 is recommended for all general mass concrete work where, the risk of porosity and permeability must be minimized.

Mixing

INDOSIT™ LW 9010 should be mixed with gauging water or can be added to concrete during the process of mixing. The mixing should be continued for at least one to two minutes after the addition of INDOSIT™ LW 9010. The exact quantity of INDOSIT™ LW 9010 to be admixed in production of water proof concrete conformed to particular standards is best determined by conducting preliminary site trials.

Dosage:

INDOSIT™ LW 9010 normal recommended dosage is 200 gm per bag of cement.

Effect of Over Dosing

An over dose of Double the intended amount of INDOSIT™ LW 9010 will result in an increase in retardation as compared to that normally obtained at the intended dosage. This effect is found in most of the waterproof admixtures only the degree may vary. Overdose may also cause increased air entrainment, which will tend to reduce strength.

Technical Data:

Specific Gravity	1.20 gms/ml
Color	Brown
Physical Form	Liquid
TYPICAL DATA WITH OPC 43 GRADE CEMENT	
Setting time Initial	145 min
Setting time Final	360 min.
Chloride Content (2% Maximum) (IS 2645-2003)	0.0098%
Permeability (IS2645)	18% compared to 50% max
Compressive Strength	Not less than to control Mortar strength

Packaging

1, 5, 10, 20 ,50 & 200 kg Packs.

Storage

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given, or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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